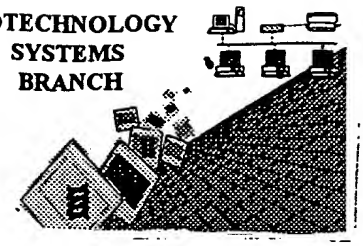
re-run TO:

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/816,460
Source: OIPE
Date Processed by STIC: 8/14/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

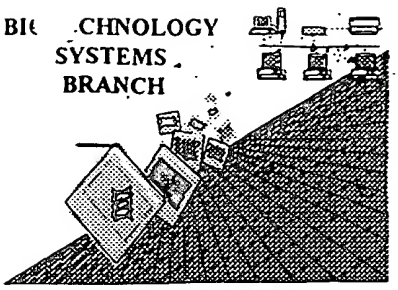
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

0590
0815

BIOTECHNOLOGY SYSTEMS BRANCH



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PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/816,460

DATE: 08/14/2001
TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

Does Not Comply
Corrected Diskette Needed

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  3 <110> APPLICANT: Dairkee, Shanaz H.
  4       Li, Zheng
  6 <120> TITLE OF INVENTION: PROGNOSTIC METHODS FOR BREAST CANCER
  8 <130> FILE REFERENCE: CPMC-010/00US
 10 <140> CURRENT APPLICATION NUMBER: US 09/816,460
 11 <141> CURRENT FILING DATE: 2001-03-23
 13 <160> NUMBER OF SEQ ID NOS: 47
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 21
 19 <212> TYPE: DNA
C--> 20 <213> ORGANISM: Artificial
W--> 22 <220> FEATURE:
W--> 22 <223> OTHER INFORMATION:
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 26 <210> SEQ ID NO: 2
 27 <211> LENGTH: 19
 28 <212> TYPE: DNA
C--> 29 <213> ORGANISM: Artificial
W--> 31 <220> FEATURE:
W--> 31 <223> OTHER INFORMATION:
 31 <400> SEQUENCE: 2
 32 tgagctccca ttcctcgtc                                            19
 35 <210> SEQ ID NO: 3
 36 <211> LENGTH: 24
 37 <212> TYPE: DNA
C--> 38 <213> ORGANISM: Artificial
W--> 40 <220> FEATURE:
W--> 40 <223> OTHER INFORMATION:
 40 <400> SEQUENCE: 3
 41 tgatgacatc aagaaggtgg tgaa                                      24
 44 <210> SEQ ID NO: 4
 45 <211> LENGTH: 23
 46 <212> TYPE: DNA
C--> 47 <213> ORGANISM: Artificial
W--> 49 <220> FEATURE:
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 49 <400> SEQUENCE: 4
 50 tccttggagg ccatgtgggc cat                                       23
 53 <210> SEQ ID NO: 5
 54 <211> LENGTH: 20
 55 <212> TYPE: DNA
C--> 56 <213> ORGANISM: Artificial
W--> 58 <220> FEATURE:
W--> 58 <223> OTHER INFORMATION:
 58 <400> SEQUENCE: 5
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Errored When field 213 is Artificial Sequence or Unknown, description is required in fields 221, 222 and 223.

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

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62 <210> SEQ ID NO: 6
63 <211> LENGTH: 20
64 <212> TYPE: DNA
C--> 65 **<213> ORGANISM: Artificial**
W--> 67 **<220> FEATURE:**
W--> 67 **<223> OTHER INFORMATION:**
67 <400> SEQUENCE: 6
68 agacaagcaa aagctctttg 20
71 <210> SEQ ID NO: 7
72 <211> LENGTH: 19
73 <212> TYPE: DNA
C--> 74 **<213> ORGANISM: Artificial**
W--> 76 **<220> FEATURE:**
W--> 76 **<223> OTHER INFORMATION:**
76 <400> SEQUENCE: 7
77 tccatctctg aatcaatgt 19
80 <210> SEQ ID NO: 8
81 <211> LENGTH: 19
82 <212> TYPE: DNA
C--> 83 **<213> ORGANISM: Artificial**
W--> 85 **<220> FEATURE:**
W--> 85 **<223> OTHER INFORMATION:**
85 <400> SEQUENCE: 8
86 gcaatggaat gaaatgaca 19
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90 <211> LENGTH: 24
91 <212> TYPE: DNA
C--> 92 **<213> ORGANISM: Artificial**
W--> 94 **<220> FEATURE:**
W--> 94 **<223> OTHER INFORMATION:**
94 <400> SEQUENCE: 9
95 gttttagggt attggtaatt tggt 24
98 <210> SEQ ID NO: 10
99 <211> LENGTH: 21
100 <212> TYPE: DNA
C--> 101 **<213> ORGANISM: Artificial**
W--> 103 **<220> FEATURE:**
W--> 103 **<223> OTHER INFORMATION:**
103 <400> SEQUENCE: 10
104 gaccacccta ttccaccact a 21
107 <210> SEQ ID NO: 11
108 <211> LENGTH: 22
109 <212> TYPE: DNA
C--> 110 **<213> ORGANISM: Artificial**
W--> 112 **<220> FEATURE:**
W--> 112 **<223> OTHER INFORMATION:**
112 <400> SEQUENCE: 11
113 caaactaata acacccccac ca 22

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/816,460

DATE: 08/14/2001
TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

116 <210> SEQ ID NO: 12
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126 <211> LENGTH: 23
127 <212> TYPE: DNA
C--> 128 **<213> ORGANISM: Artificial**
W--> 130 **<220> FEATURE:**
W--> 130 **<223> OTHER INFORMATION:**
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131 cgtcgtaaga attcggaggg gtg 23
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135 <211> LENGTH: 28
136 <212> TYPE: DNA
C--> 137 **<213> ORGANISM: Artificial**
W--> 139 **<220> FEATURE:**
W--> 139 **<223> OTHER INFORMATION:**
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144 <211> LENGTH: 25
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C--> 146 **<213> ORGANISM: Artificial**
W--> 148 **<220> FEATURE:**
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152 <210> SEQ ID NO: 16
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154 <212> TYPE: DNA
C--> 155 **<213> ORGANISM: Artificial**
W--> 157 **<220> FEATURE:**
W--> 157 **<223> OTHER INFORMATION:**
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161 <210> SEQ ID NO: 17
162 <211> LENGTH: 21
163 <212> TYPE: DNA
C--> 164 **<213> ORGANISM: Artificial**
W--> 166 **<220> FEATURE:**
W--> 166 **<223> OTHER INFORMATION:**
166 <400> SEQUENCE: 17
167 tctttgagaa ccactgtctc c 21
170 <210> SEQ ID NO: 18

RAW SEQUENCE LISTING DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

171 <211> LENGTH: 25
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C--> 173 <213> ORGANISM: Artificial
W--> 175 <220> FEATURE:
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176 cctatctcca tctatttatc tgtct 25
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C--> 182 <213> ORGANISM: Artificial
W--> 184 <220> FEATURE:
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185 aatcagatcc ccttggaaag 20
188 <210> SEQ ID NO: 20
189 <211> LENGTH: 20
190 <212> TYPE: DNA
C--> 191 <213> ORGANISM: Artificial
W--> 193 <220> FEATURE:
W--> 193 <223> OTHER INFORMATION:
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198 <211> LENGTH: 20
199 <212> TYPE: DNA
C--> 200 <213> ORGANISM: Artificial
W--> 202 <220> FEATURE:
W--> 202 <223> OTHER INFORMATION:
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203 caaaccagaa gtgggagaga 20
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207 <211> LENGTH: 24
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C--> 209 <213> ORGANISM: Artificial
W--> 211 <220> FEATURE:
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212 agtacaaata cacacaaatg tctc 24
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216 <211> LENGTH: 17
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220 <400> SEQUENCE: 23
221 gcaaatcgtt cattgct 17
224 <210> SEQ ID NO: 24
225 <211> LENGTH: 20

RAW SEQUENCE LISTING DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

226 <212> TYPE: DNA
C--> 227 <213> ORGANISM: Artificial
W--> 229 <220> FEATURE:
W--> 229 <223> OTHER INFORMATION:
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230 cattttaggt ggacgtctgc 20
233 <210> SEQ ID NO: 25
234 <211> LENGTH: 20
235 <212> TYPE: DNA
C--> 236 <213> ORGANISM: Artificial
W--> 238 <220> FEATURE:
W--> 238 <223> OTHER INFORMATION:
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244 <212> TYPE: DNA
C--> 245 <213> ORGANISM: Artificial
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248 gtgcccttcc agagtt 16
251 <210> SEQ ID NO: 27
252 <211> LENGTH: 18
253 <212> TYPE: DNA
C--> 254 <213> ORGANISM: Artificial
W--> 256 <220> FEATURE:
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257 agtgaggcat ccactacc 18
260 <210> SEQ ID NO: 28
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C--> 263 <213> ORGANISM: Artificial
W--> 265 <220> FEATURE:
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266 catctttctt ttcctgttcc c 21
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270 <211> LENGTH: 24
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C--> 272 <213> ORGANISM: Artificial
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275 gataccatat tcaacatgaa gagg 24
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279 <211> LENGTH: 21
280 <212> TYPE: DNA

VERIFICATION SUMMARY DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:24

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

L:20 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:22 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:31 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:40 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:157 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:157 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/816,460

DATE: 08/14/2001
TIME: 12:28:24

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

L:164 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
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L:238 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:272 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
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L:362 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
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L:389 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:398 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:407 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44
L:416 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:425 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:434 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47

Raw Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** **SERIAL NUMBER:** 09/816,460

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3____ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4____ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5____ Variable Length — Sequence(s)____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7____ Skipped Sequences (OLD RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8____ Skipped Sequences (NEW RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9____ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10____ Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 1/ Use of <220> — Sequence(s) 1-25 (maybe more) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

re-new

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/816,460

DATE: 08/14/2001
TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

Does Not Comply
Corrected Diskette Needed

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      3 <110> APPLICANT: Dairkee, Shanaz H.
      4       Li, Zheng
      6 <120> TITLE OF INVENTION: PROGNOSTIC METHODS FOR BREAST CANCER
      8 <130> FILE REFERENCE: CPMC-010/00US
     10 <140> CURRENT APPLICATION NUMBER: US 09/816,460
     11 <141> CURRENT FILING DATE: 2001-03-23
     13 <160> NUMBER OF SEQ ID NOS: 47
     15 <170> SOFTWARE: PatentIn version 3.1
     17 <210> SEQ ID NO: 1
     18 <211> LENGTH: 21
     19 <212> TYPE: DNA
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W--> 22 <220> FEATURE:
W--> 22 <223> OTHER INFORMATION:
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     26 <210> SEQ ID NO: 2
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     28 <212> TYPE: DNA
C--> 29 <213> ORGANISM: Artificial
W--> 31 <220> FEATURE:
W--> 31 <223> OTHER INFORMATION:
     31 <400> SEQUENCE: 2
     32 tgagctccca ttcctcgtc                                            19
     35 <210> SEQ ID NO: 3
     36 <211> LENGTH: 24
     37 <212> TYPE: DNA
C--> 38 <213> ORGANISM: Artificial
W--> 40 <220> FEATURE:
W--> 40 <223> OTHER INFORMATION:
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     41 tgatgacatc aagaaggtgg tgaa                                      24
     44 <210> SEQ ID NO: 4
     45 <211> LENGTH: 23
     46 <212> TYPE: DNA
C--> 47 <213> ORGANISM: Artificial
W--> 49 <220> FEATURE:
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     53 <210> SEQ ID NO: 5
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     55 <212> TYPE: DNA
C--> 56 <213> ORGANISM: Artificial
W--> 58 <220> FEATURE:
W--> 58 <223> OTHER INFORMATION:
     58 <400> SEQUENCE: 5
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Errored When field 213 is Artificial Sequence or Unknown, description is required in fields 221, 222 and 223.

(see item 11 on Error Summary Sheet)

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

same error

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	63 <211> LENGTH: 20	
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C-->	65 <213> ORGANISM: Artificial	
W-->	67 <220> FEATURE:	
W-->	67 <223> OTHER INFORMATION:	
	67 <400> SEQUENCE: 6	
	68 agacaagcaa aagctctttg	20
	71 <210> SEQ ID NO: 7	
	72 <211> LENGTH: 19	
	73 <212> TYPE: DNA	
C-->	74 <213> ORGANISM: Artificial	
W-->	76 <220> FEATURE:	
W-->	76 <223> OTHER INFORMATION:	
	76 <400> SEQUENCE: 7	
	77 tccatctctg aatcaatgt	19
	80 <210> SEQ ID NO: 8	
	81 <211> LENGTH: 19	
	82 <212> TYPE: DNA	
C-->	83 <213> ORGANISM: Artificial	
W-->	85 <220> FEATURE:	
W-->	85 <223> OTHER INFORMATION:	
	85 <400> SEQUENCE: 8	
	86 gcaatggaat gaaatgaca	19
	89 <210> SEQ ID NO: 9	
	90 <211> LENGTH: 24	
	91 <212> TYPE: DNA	
C-->	92 <213> ORGANISM: Artificial	
W-->	94 <220> FEATURE:	
W-->	94 <223> OTHER INFORMATION:	
	94 <400> SEQUENCE: 9	
	95 gttttagggt attggtaatt tggt	24
	98 <210> SEQ ID NO: 10	
	99 <211> LENGTH: 21	
	100 <212> TYPE: DNA	
C-->	101 <213> ORGANISM: Artificial	
W-->	103 <220> FEATURE:	
W-->	103 <223> OTHER INFORMATION:	
	103 <400> SEQUENCE: 10	
	104 gaccacccta ttccaccact a	21
	107 <210> SEQ ID NO: 11	
	108 <211> LENGTH: 22	
	109 <212> TYPE: DNA	
C-->	110 <213> ORGANISM: Artificial	
W-->	112 <220> FEATURE:	
W-->	112 <223> OTHER INFORMATION:	
	112 <400> SEQUENCE: 11	
	113 caaactaata acacccccac ca	22

RAW SEQUENCE LISTING DATE: 08/14/2001.
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

same error

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118 <212> TYPE: DNA
C--> 119 <213> ORGANISM: Artificial
W--> 121 <220> FEATURE:
W--> 121 <223> OTHER INFORMATION:
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122 ggtaatttgg ttagaggatc gcgc 24
125 <210> SEQ ID NO: 13
126 <211> LENGTH: 23
127 <212> TYPE: DNA
C--> 128 <213> ORGANISM: Artificial
W--> 130 <220> FEATURE:
W--> 130 <223> OTHER INFORMATION:
130 <400> SEQUENCE: 13
131 cgtcgtaaga attcggaggg gtg 23
134 <210> SEQ ID NO: 14
135 <211> LENGTH: 28
136 <212> TYPE: DNA
C--> 137 <213> ORGANISM: Artificial
W--> 139 <220> FEATURE:
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140 tattggtaat ttggttagag gattgtgt 28
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144 <211> LENGTH: 25
145 <212> TYPE: DNA
C--> 146 <213> ORGANISM: Artificial
W--> 148 <220> FEATURE:
W--> 148 <223> OTHER INFORMATION:
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149 tgttgtaaga atttggaggg gtgtg 25
152 <210> SEQ ID NO: 16
153 <211> LENGTH: 21
154 <212> TYPE: DNA
C--> 155 <213> ORGANISM: Artificial
W--> 157 <220> FEATURE:
W--> 157 <223> OTHER INFORMATION:
157 <400> SEQUENCE: 16
158 atagagccac actttgtctc a 21
161 <210> SEQ ID NO: 17
162 <211> LENGTH: 21
163 <212> TYPE: DNA
C--> 164 <213> ORGANISM: Artificial
W--> 166 <220> FEATURE:
W--> 166 <223> OTHER INFORMATION:
166 <400> SEQUENCE: 17
167 tctttgagaa ccactgtctc c 21
170 <210> SEQ ID NO: 18

RAW SEQUENCE LISTING DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

same error

171 <211> LENGTH: 25
172 <212> TYPE: DNA
C--> 173 <213> ORGANISM: Artificial
W--> 175 <220> FEATURE:
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175 <400> SEQUENCE: 18
176 cctatctcca tctatttatc tgtct 25
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181 <212> TYPE: DNA
C--> 182 <213> ORGANISM: Artificial
W--> 184 <220> FEATURE:
W--> 184 <223> OTHER INFORMATION:
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185 aatcagatcc ccttggaaag 20
188 <210> SEQ ID NO: 20
189 <211> LENGTH: 20
190 <212> TYPE: DNA
C--> 191 <213> ORGANISM: Artificial
W--> 193 <220> FEATURE:
W--> 193 <223> OTHER INFORMATION:
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194 taccttcctt ccccactctt 20
197 <210> SEQ ID NO: 21
198 <211> LENGTH: 20
199 <212> TYPE: DNA
C--> 200 <213> ORGANISM: Artificial
W--> 202 <220> FEATURE:
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203 caaaccagaa gtgggagaga 20
206 <210> SEQ ID NO: 22
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208 <212> TYPE: DNA
C--> 209 <213> ORGANISM: Artificial
W--> 211 <220> FEATURE:
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212 agtacaaata cacacaaatg tctc 24
215 <210> SEQ ID NO: 23
216 <211> LENGTH: 17
217 <212> TYPE: DNA
C--> 218 <213> ORGANISM: Artificial
W--> 220 <220> FEATURE:
W--> 220 <223> OTHER INFORMATION:
220 <400> SEQUENCE: 23
221 gcaaatcgtt cattgct 17
224 <210> SEQ ID NO: 24
225 <211> LENGTH: 20

RAW SEQUENCE LISTING DATE: 08/14/2001
PATENT APPLICATION: US/09/816,460 TIME: 12:28:23

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

226 <212> TYPE: DNA
C--> 227 <213> ORGANISM: Artificial
W--> 229 <220> FEATURE:
W--> 229 <223> OTHER INFORMATION:
229 <400> SEQUENCE: 24
230 cattttaggt ggacgtctgc 20
233 <210> SEQ ID NO: 25
234 <211> LENGTH: 20
235 <212> TYPE: DNA
C--> 236 <213> ORGANISM: Artificial
W--> 238 <220> FEATURE:
W--> 238 <223> OTHER INFORMATION:
238 <400> SEQUENCE: 25
239 aaccaccatg tcacgtgtat 20
242 <210> SEQ ID NO: 26
243 <211> LENGTH: 16
244 <212> TYPE: DNA
C--> 245 <213> ORGANISM: Artificial
W--> 247 <220> FEATURE:
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247 <400> SEQUENCE: 26
248 gtgcccttcc agagtt 16
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252 <211> LENGTH: 18
253 <212> TYPE: DNA
C--> 254 <213> ORGANISM: Artificial
W--> 256 <220> FEATURE:
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257 agtgaggcat ccactacc 18
260 <210> SEQ ID NO: 28
261 <211> LENGTH: 21
262 <212> TYPE: DNA
C--> 263 <213> ORGANISM: Artificial
W--> 265 <220> FEATURE:
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265 <400> SEQUENCE: 28
266 catctttctt ttcctgttcc c 21
269 <210> SEQ ID NO: 29
270 <211> LENGTH: 24
271 <212> TYPE: DNA
C--> 272 <213> ORGANISM: Artificial
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278 <210> SEQ ID NO: 30
279 <211> LENGTH: 21
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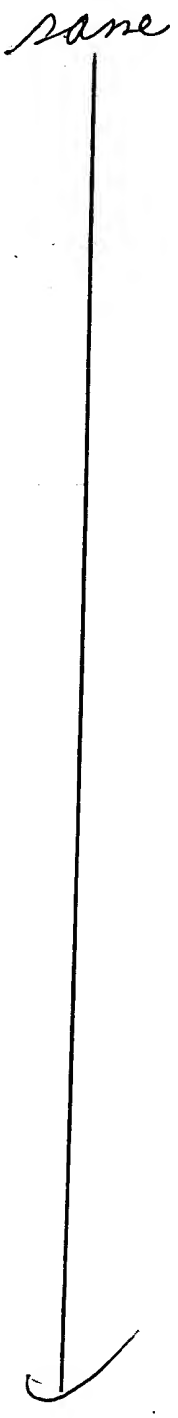

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/816,460

DATE: 08/14/2001
TIME: 12:28:24

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

L:20 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:22 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:22 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:31 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:31 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:38 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:40 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:40 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:47 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:49 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:56 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:58 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:58 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:65 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:67 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:76 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:94 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:101 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:103 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:103 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:112 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:121 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:128 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:130 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:137 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:139 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:139 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:146 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:148 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:157 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/816,460

DATE: 08/14/2001
TIME: 12:28:24

Input Set : A:\CPMC-010-00US.txt
Output Set: N:\CRF3\08142001\I816460.raw

L:164 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:166 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:175 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:175 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:182 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:184 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:184 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:191 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:193 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:193 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:202 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:211 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:272 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
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L:290 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
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L:308 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:317 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
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L:353 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:362 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
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L:398 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:407 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44
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L:425 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:434 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47

Raw Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** SERIAL NUMBER: 09/816,460

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use **space characters**, instead.
4	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.